

I-295/I-76/Route 42 Interchange Reconstruction

PRESENTATION OUTLINE

Project Overview

NEPA Process

Streamlining Process

Project Purpose & Need

- Independent Utility

Wrap Up – Next Session

November 14, 2002

Presented by Bill Beans & Nick Caiazza, NJ Department of Transportation



STREAMLINING MEETING #1

11/14/02 - Trenton, NJ

AGENDA

- | | |
|--|--------------|
| WELCOMING REMARKS – FHWA | (5 minutes) |
| 1. OVERVIEW OF PROJECT – Bill Beans | (20 minutes) |
| 2. NEPA PROCESS – Nick Caiazza | (45 minutes) |
| BREAK | (20 minutes) |
| 3. STREAMLINING PROCESS – Nick Caiazza | (30 minutes) |
| 4. PROJECT PURPOSE AND NEED – Bill Beans | (60 minutes) |
| 5. WRAP UP – NEXT STEP | (15 minutes) |



GOALS

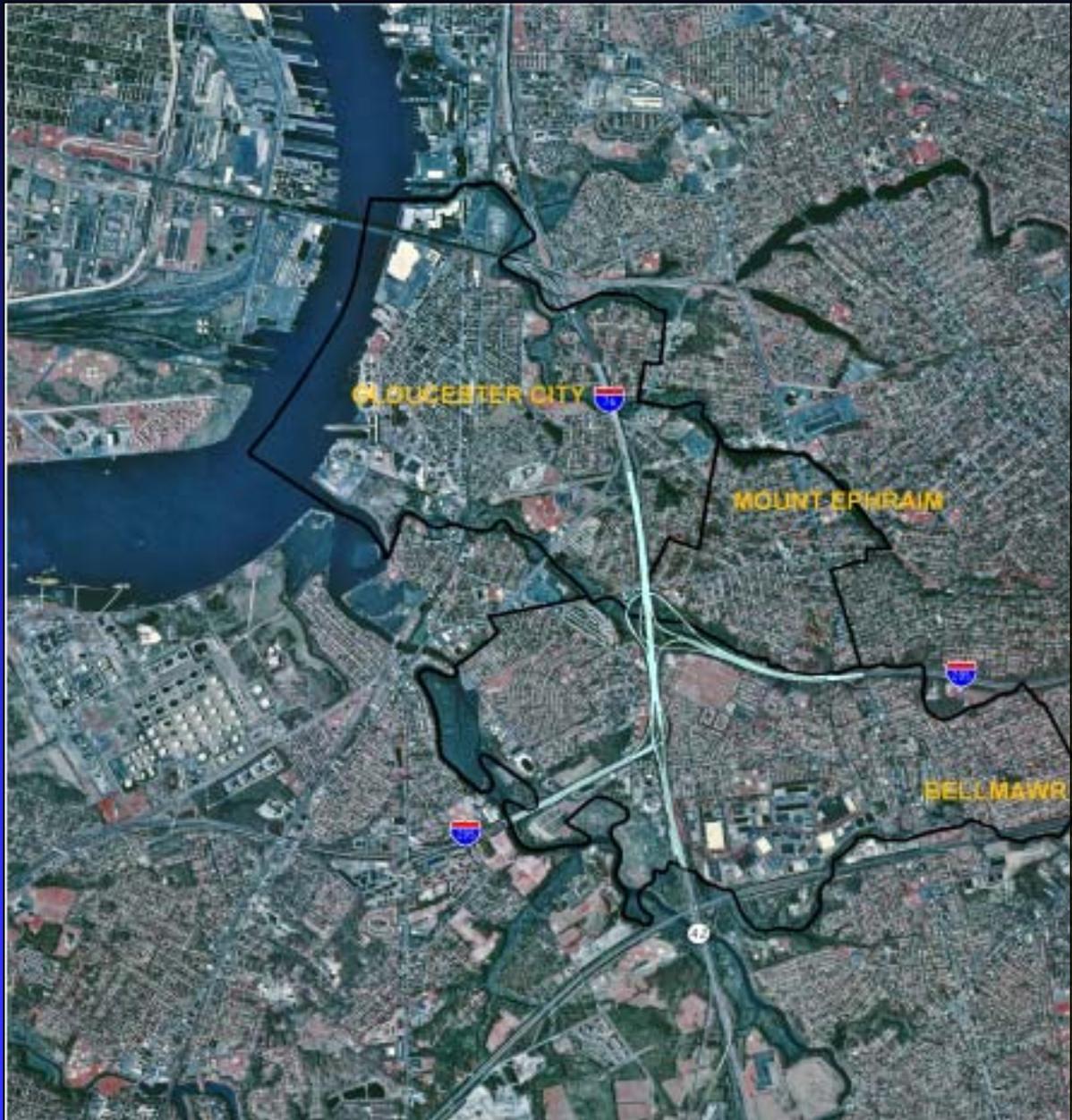
- Build credibility
 - ◆ Present facts
 - ◆ Accept mistakes
 - ◆ Show impacts clearly
 - ◆ Be honest
 - ◆ Follow through with commitments
- Understand and address community quality of life issues
- Meet regulatory requirements
- Improve safety/congestion



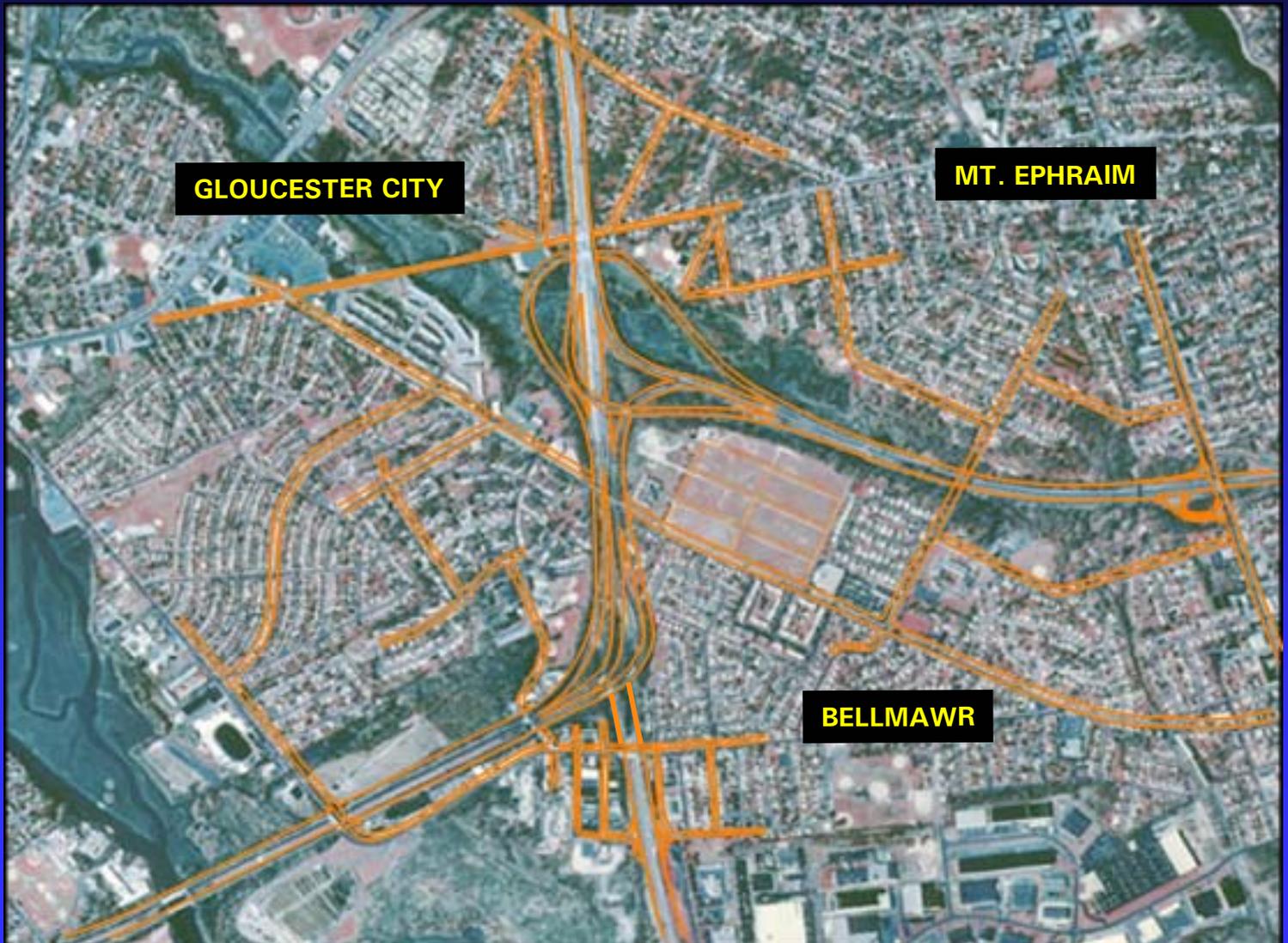
PROJECT OVERVIEW



SITE MAP



PROJECT AREA



STUDY BOUNDARY



Legend

 Study Boundary



NEW JERSEY DEPARTMENT OF TRANSPORTATION

**ROUTE 295/I-76/Rt.42
Interchange Reconstruction**

ENVIRONMENTAL CONSTRAINTS



Little Timber Creek



Resurrection Cemetery



Winthrop Ave Playground



W. Harrison House



Wetlands Area



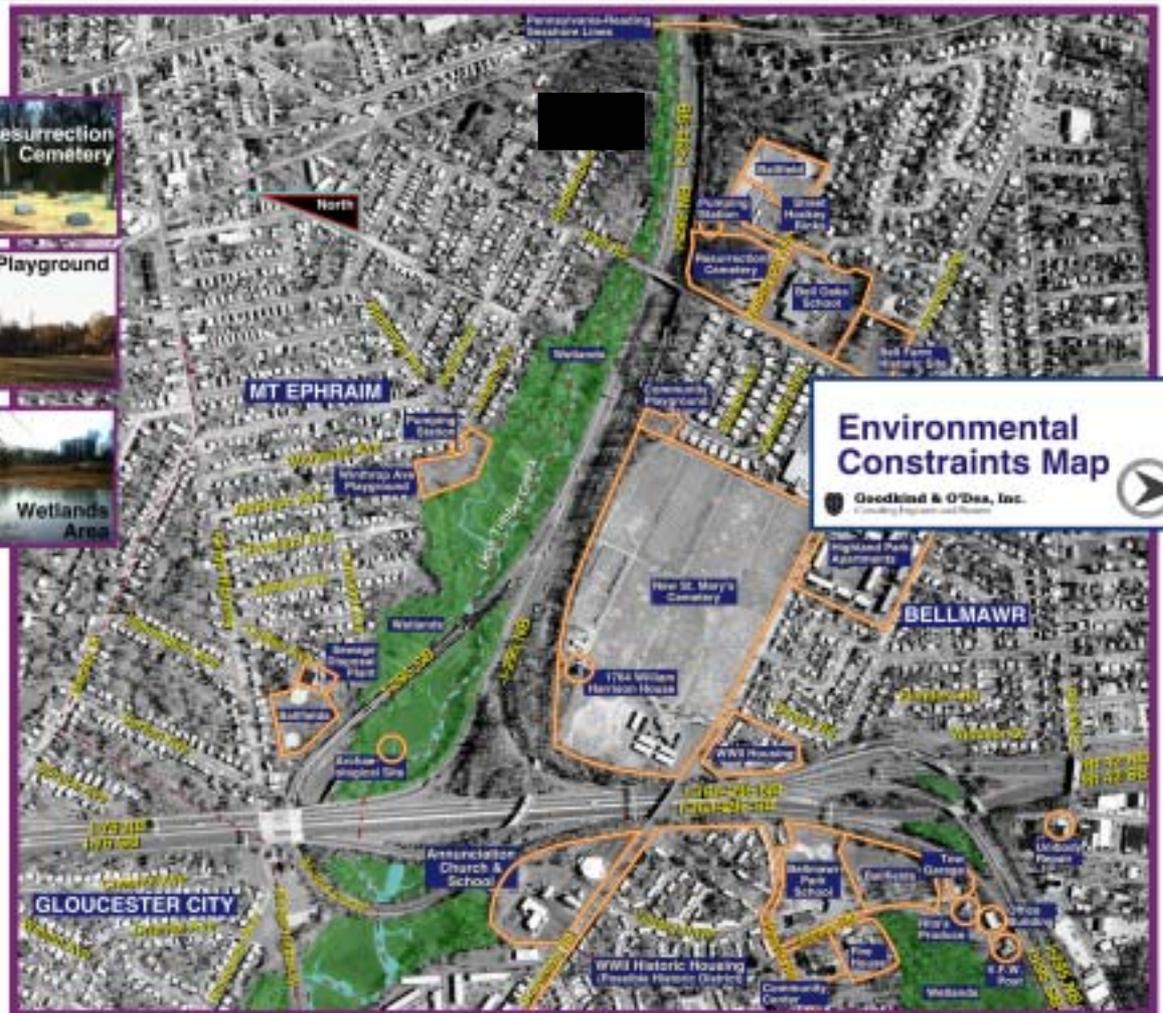
Fir Place



Ballfields on Essex Rd



Bellmawr Park School



STAKEHOLDERS

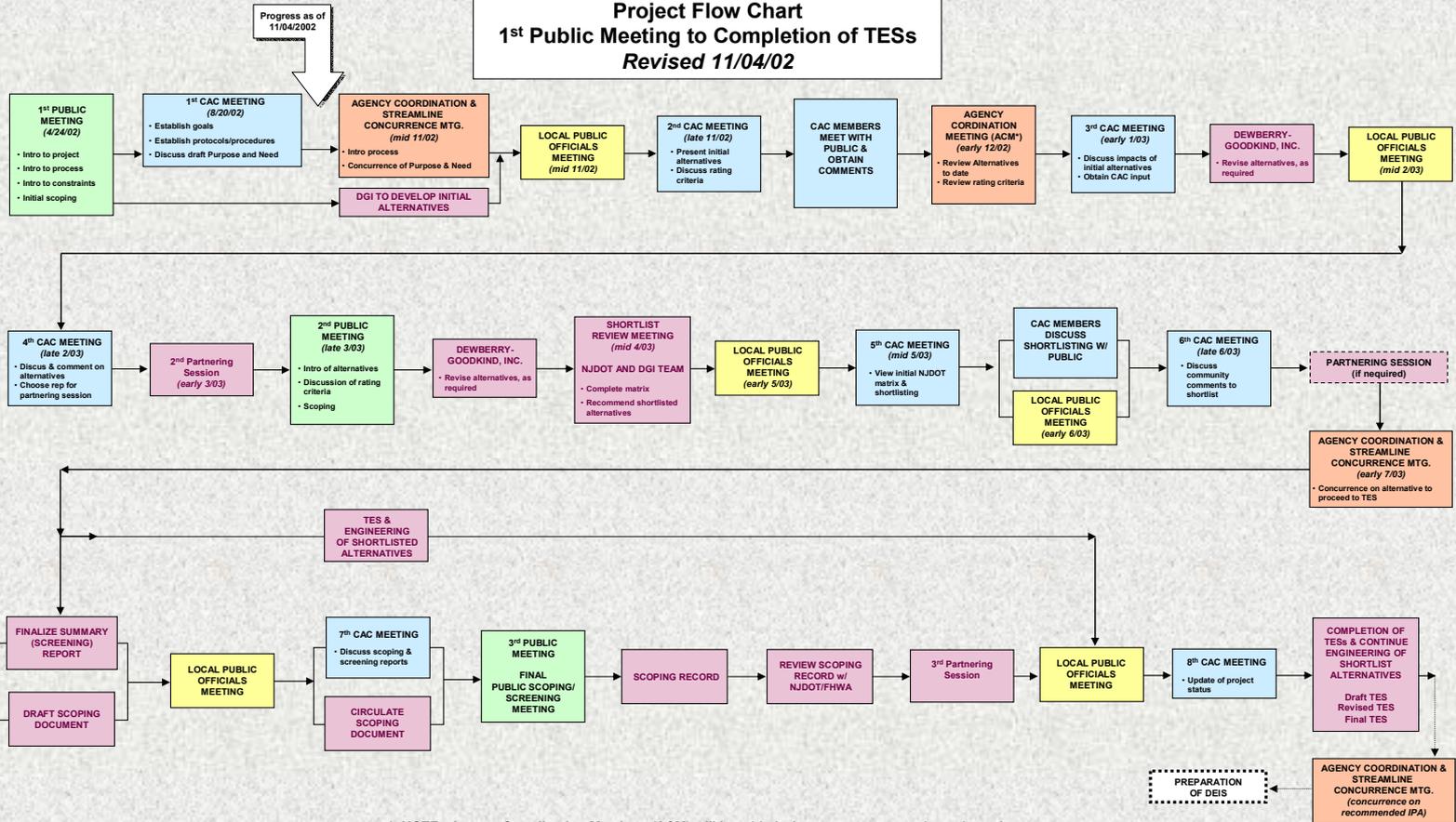
- FHWA
- NJDOT
- Consultants
- Authorized agencies
- Elected officials
- Public
 - ◆ CAC



PROJECT FLOW CHART



I-295/I-76/NJ 42 Interchange Reconstruction Project Flow Chart 1st Public Meeting to Completion of TESs Revised 11/04/02





NEPA PROCESS

STATUS OF NEPA PROCESS

- EIS
- NOI – 10/24/01
- Scoping process



SCOPING ACTIVITIES TO DATE

- Notice of Planned Action (12/10/01)
- Partnering/early scoping meeting and bus tour (12/11/01 & 12/12/01)
- Initial Public Scoping Meeting (4/24/02)
- Individual agency meetings
 - ◆ SHPO (9/24/02)
 - ◆ ACOE & NJDEP (10/09/02)
- First agency coordination meeting (11/14/02)



AGENCY RESPONSE TO NOTICE OF PLANNED ACTION



AGENCY	RESPONSE
US Army Corps of Engineers	Agency interested in participating in NEPA process
USEPA	Comprehensive, detailed response encouraging DOT to rigorously explore and objectively evaluate all reasonable alternatives ♦ Analyze direct, indirect and cumulative impacts
NJDEP	Assess potential impacts to water quality during construction and operation
NJ Transit	Coordinate highway and transit efforts Evaluation of area planned for transit project
US Fish and Wildlife	Agency had no record of Federally listed T&E species occurring within or in vicinity of project area
National Marine Fisheries Services	No known species or critical habitat under agency jurisdiction known to exist in project area
NJ Turnpike Authority	No comment at this time
US Coast Guard	Project does not fall under agency jurisdiction

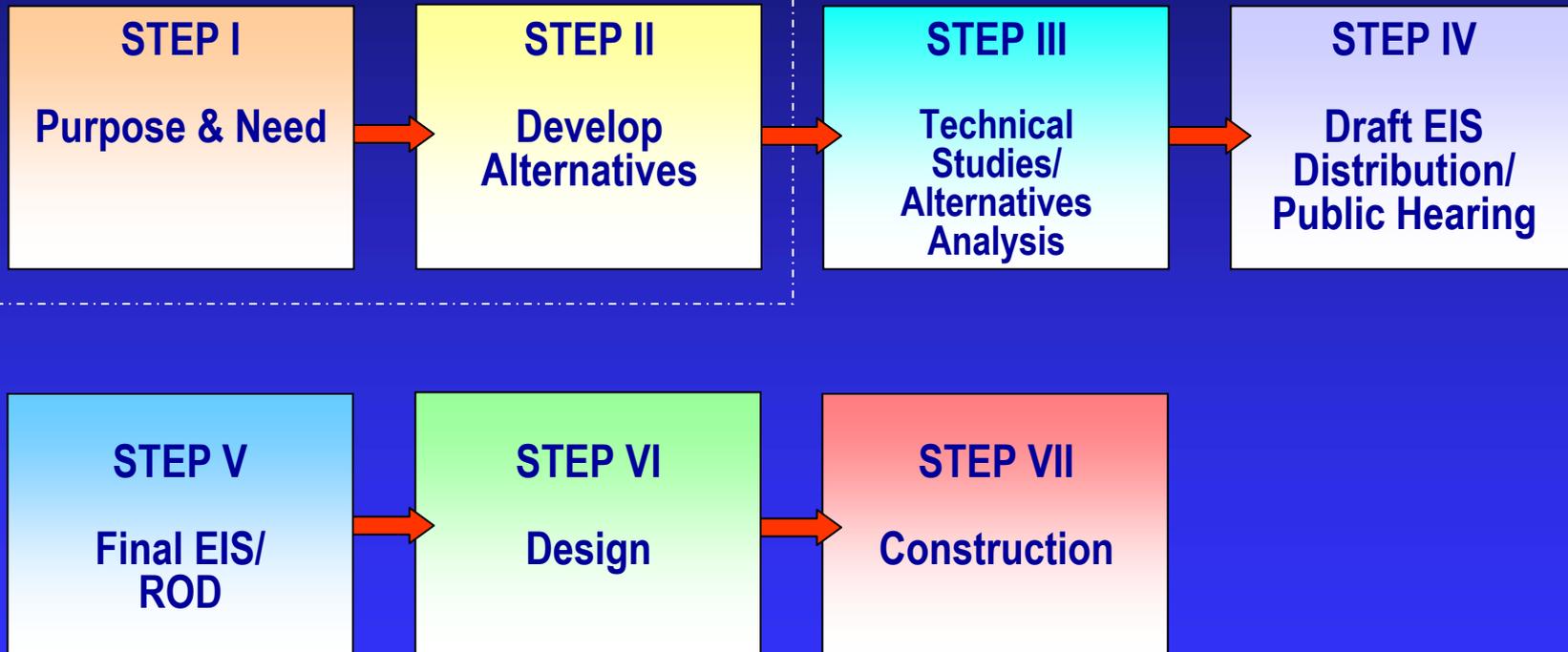
ADDITIONAL FEEDBACK

- Streamlining
- Independent utility
- Constraints
- Purpose and need
- Quality of life
- Methodology for historic architectural studies
- Methodology for wetlands delineation



EIS PROCESS

SCOPING



PROJECT SCHEDULE

- Develop alternatives (2002 – 2003)
- TES (2004)
- Draft EIS (2005)
- Final EIS (2006)



STREAMLINING PROCESS





**STREAMLINING =
PROGRESSIVE CONSENSUS**

FORMAL STREAMLINING PROCESS

- Indiana
- Texas
- Pennsylvania
- California
- MATE

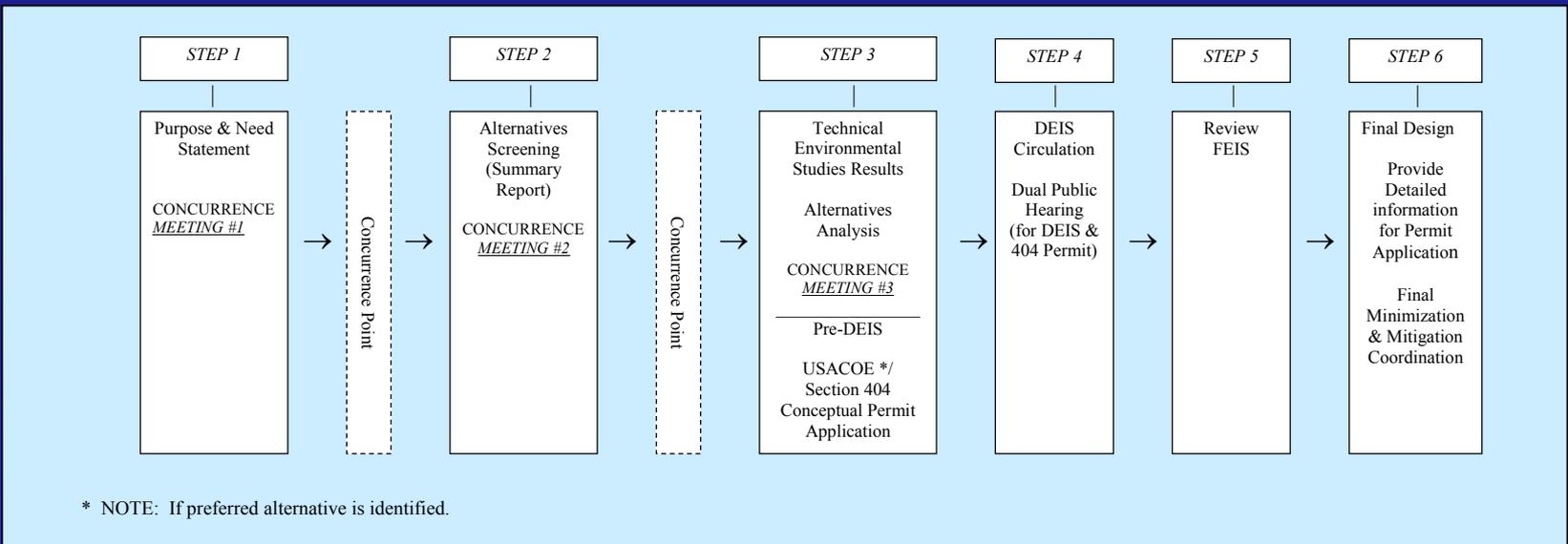


STREAMLINING PRINCIPLES

- Define agency roles early
- Respect each agency for their role and responsibility
- Agencies work to find acceptable and compatible solution
- Agencies strive to be effective in process
- Address issues immediately; scoping is ongoing
- Seek equitable balance of impacts to all resources
- Formal concurrence at major milestones
- Only revisit after concurrence if major changes
- Success is based on level of ownership, effort and level of resources



STREAMLINING/404 MERGER PROCESS



CONCURRENCE FORM



CONCURRENCE FORM

INTERSTATE 295/INTERSTATE 76/ROUTE 42 INTERCHANGE RECONSTRUCTION PROJECT CAMDEN AND GLOUCESTER COUNTIES, NEW JERSEY

Responsible Organization: New Jersey Department of Transportation

Project Manager: Nicholas Caiazza
New Jersey Department of Transportation
PO Box 600
Trenton, NJ 08625-0600
(609) 530-2991
(609) 530-5787 (facsimile)
nicholas.caiazza@dot.state.nj.us.com

Supporting Documentation:

Purpose and Need Statement August 2002
Independent Utility Statement September 2002

Definition of concurrence: "Written determination by the agency that the project information to date is considered adequate and the agency agrees the development process can be advanced to the next stage. Agencies agree not to revisit the previous process steps unless project conditions substantially change."

The NJDOT in conjunction with the FHWA is conducting a study of the proposed I-295/I-76/Rt.42 Interchange Reconstruction Project. The interchange project has been developed according to NJDOT procedures.

The project team for the I-295/I-76/Rt.42 Interchange requests concurrence on the attached Purpose and Need statement for the Environmental Impact Statement.

Concur as Presented _____ Concur with Comments _____ Do Not Concur _____

Comments:

Statement of Non-Concurrence:

CONCURRENCE FORM (cont'd.)



Additional Information Needed:

Signature:

Agency:

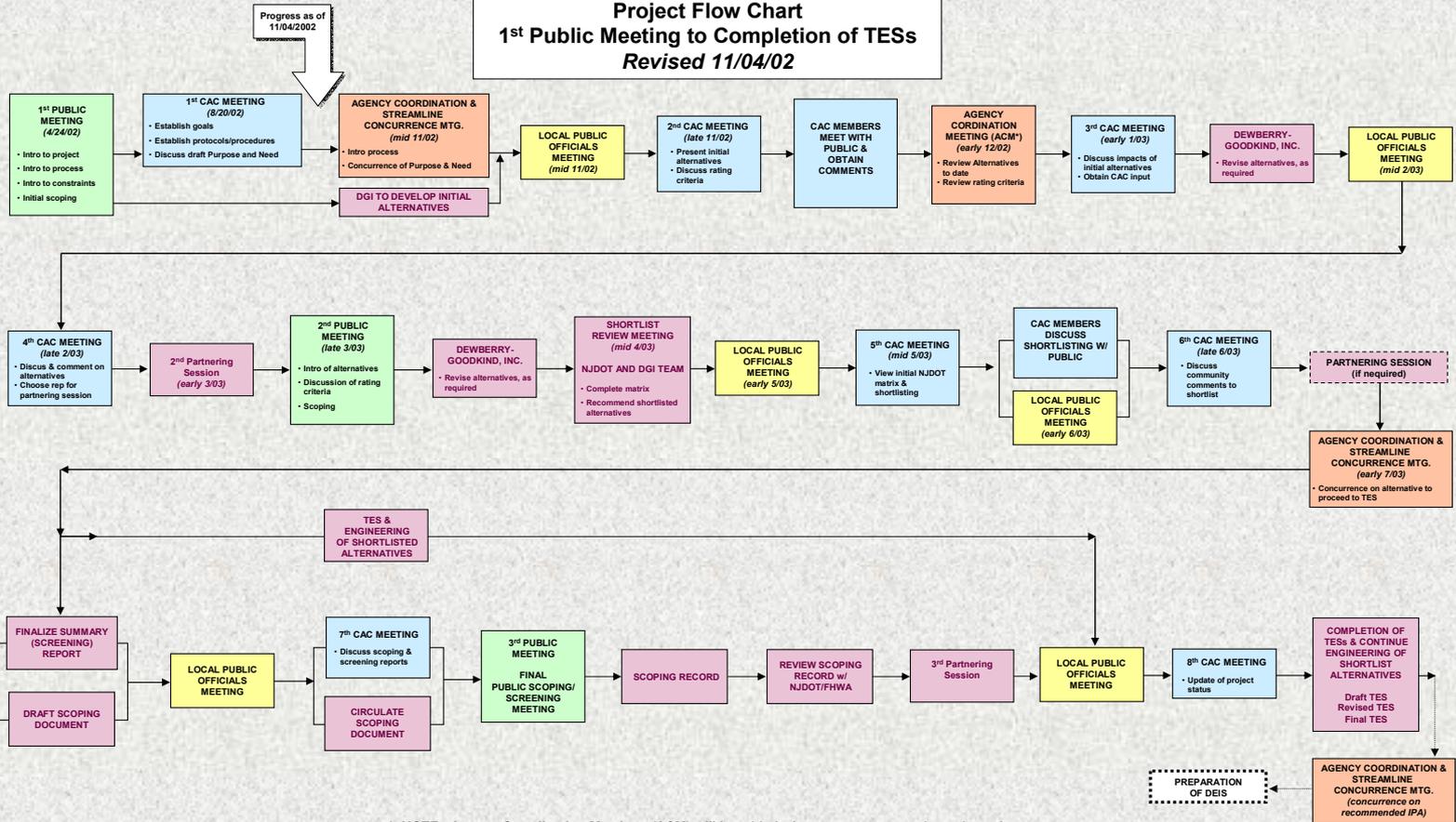
Date:

Please return this form to the New Jersey Department of Transportation Project Manager
by December 14, 2002

PROJECT FLOW CHART



I-295/I-76/NJ 42 Interchange Reconstruction Project Flow Chart 1st Public Meeting to Completion of TESs Revised 11/04/02





PROJECT PURPOSE & NEED

SUBSTANDARD BRIDGES

Creek Road over I-295



SUBSTANDARD BRIDGES

Creek Road over I-295



SUBSTANDARD BRIDGES



Source: NJDEP Bureau of Geographic Information
8/2009 989-9/1



SUBSTANDARD BRIDGES

LEGEND

- 1 - CREEK ROAD OVER NJ 42
STRUCTURALLY DEFICIENT.
- 2 - CREEK ROAD OVER I-295
STRUCTURALLY DEFICIENT.
- 3 - RAMP F & G OVER NJ 42
SUBSTANDARD VERTICAL UNDER CLEARANCE.
- 4 - RAMP E OVER NJ 42
SUBSTANDARD VERTICAL UNDER CLEARANCE.
- 5 - BROWNING RD. OVER I-295
FUNCTIONALLY OBSOLETE.
- 6 - RAMP D OVER RAMP A
SUBSTANDARD UNDER CLEARANCE.
- 7 - I-76 OVER RAMP C
FUNCTIONALLY OBSOLETE.
- 8 - I-76 OVER KINGS HIGHWAY
SUBSTANDARD VERTICAL CLEARANCE.
- 9 - BELL RD. OVER I-295
SUBSTANDARD VERTICAL UNDER CLEARANCE,
DEFICIENT CAPACITY.



New Jersey Department of Transportation

I-295/I-76/Rte. 42

INTERCHANGE RECONSTRUCTION

OPERATIONAL DEFICIENCIES

I-295/ Route 42 Weave



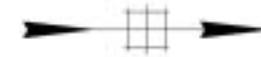
OPERATIONAL DEFICIENCIES



OPERATIONAL DEFICIENCIES TRAFFIC (everywhere)



LEVELS OF SERVICE



OPERATIONAL DEFICIENCIES

LEGEND

- 1 - NB I-295 LOS D IN A.M.
- 2 - NB I-295 LOS D IN A.M., LOS E IN P.M.
- 3 - SB I-295 LOS E IN A.M. AND P.M.
- 4 - SB I-76 LOS E IN P.M.
NB I-76 LOS E IN A.M.
- 5 - NB RT. 42 LOS D IN A.M.
SB RT. 42 LOS D IN P.M.
- 6 - RWMP A LOS F IN A.M. AND P.M.
- 7 - RWMP B LOS E IN A.M.
- 8 - RWMP C LOS F IN A.M. AND P.M.
- 9 - RWMP E LOS E IN A.M. AND P.M.
- 10 - RWMP F LOS E IN A.M.
- 11 - WEAVING SECTION LOS F IN A.M. AND P.M.



New Jersey Department of Transportation

I-295/I-76/Rte. 42
INTERCHANGE RECONSTRUCTION

Source: NJDP Bureau of Geographic Information & Remote Sensing 602-611

GEOMETRIC DEFICIENCIES

I-295 SB - Al-Joe's Curve



SUBSTANDARD GEOMETRIC FEATURES



GEOMETRIC DEFICIENCIES

LEGEND

- 1 - RAMP B
SUBSTANDARD HORIZONTAL CURVE,
SUBSTANDARD SUPERELEVATION
- 2 - RAMP E
SUBSTANDARD HORIZONTAL CURVE,
SUBSTANDARD VERTICAL STOPPING SIGHT DISTANCE,
SUBSTANDARD SUPERELEVATION
- 3 - RAMP F
SUBSTANDARD HORIZONTAL CURVE,
SUBSTANDARD SUPERELEVATION
- 4 - RAMP G
SUBSTANDARD HORIZONTAL CURVE,
SUBSTANDARD SUPERELEVATION
- 5 - RAMP C
SUBSTANDARD SUPERELEVATION
- 6 - RAMP H
SUBSTANDARD SUPERELEVATION
- MAINLINE I-295 CONTAINS:
SECTIONS OF SUBSTANDARD SUPERELEVATION
- MAINLINE I-76 CONTAINS:
SECTIONS OF SUBSTANDARD SUPERELEVATION
- MAINLINE RT. 42 CONTAINS:
SECTIONS OF SUBSTANDARD SUPERELEVATION



New Jersey Department of Transportation

I-295/I-76/Rts. 42

INTERCHANGE RECONSTRUCTION

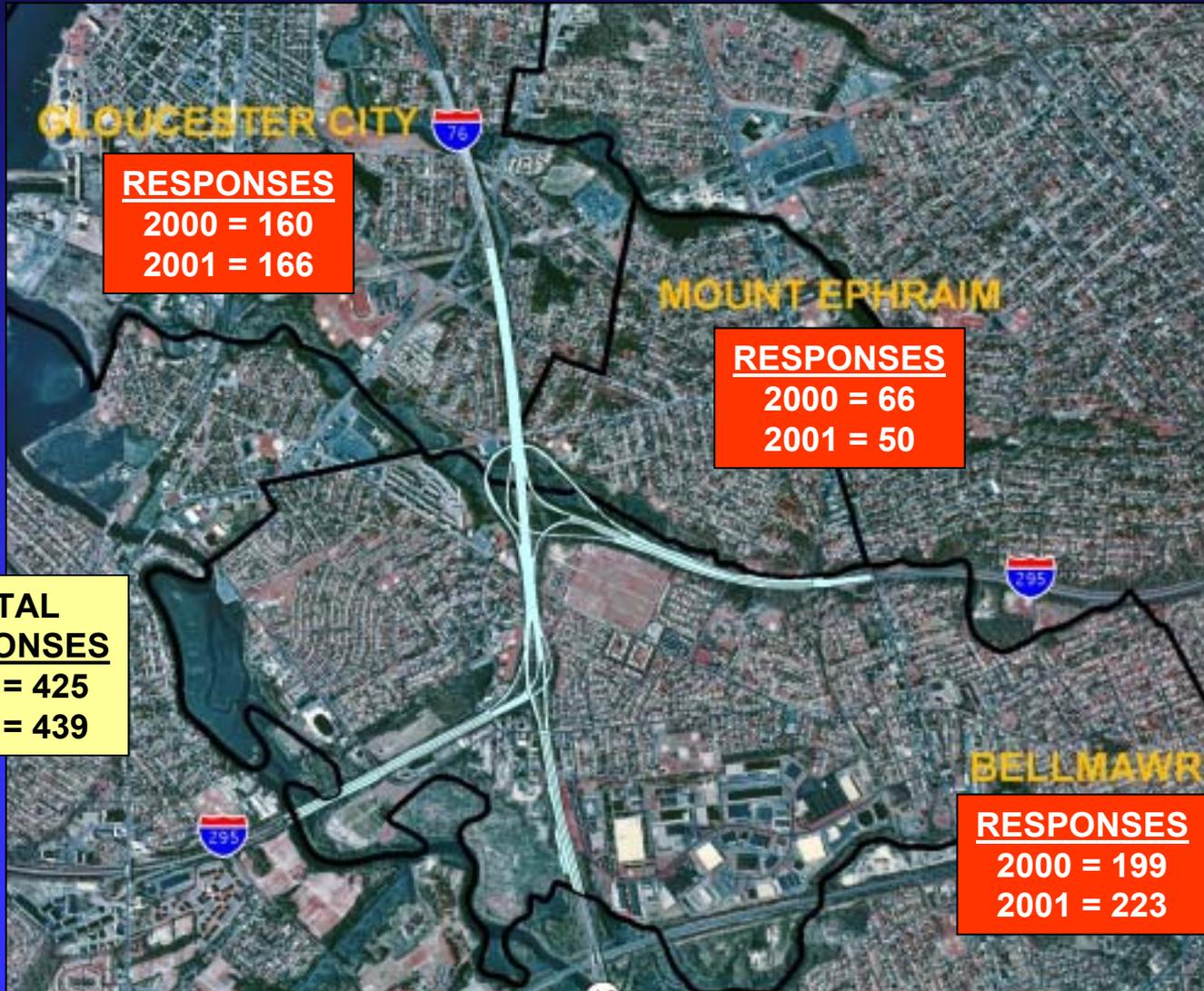
Source: NJDOT Bureau of Geographic Information
& Project 966-911

QUALITY OF LIFE

Local Streets?



EMERGENCY RESPONSES



I-295/I-76/Route 42

Purpose & Need



I-295/I-76/Route 42 Interchange Reconstruction Purpose & Need Statement



PURPOSE: The purpose of this project is to improve traffic safety and reduce congestion at the Interchange of I-295/I-76/Route 42.

I-295/I-76/Route 42 Interchange Reconstruction Purpose & Need Statement

■ NEED:

- ◆ Improve safety
- ◆ Correct geometric and structural deficiencies
- ◆ Meet driver expectations
- ◆ Correct operational deficiencies



I-295/I-76/Route 42 Interchange Reconstruction Purpose & Need Statement

■ GOALS AND OBJECTIVES:

- ◆ Improve roadway safety by meeting driver expectations
- ◆ Reduce cut-through traffic to improve local mobility and I-295 level of service
- ◆ Improve regional mobility and support economic development
- ◆ Reduce air pollution level
- ◆ Reduce state and local financial burden by lowering accident rate
- ◆ Reduce noise levels
- ◆ Minimize and mitigate all environmental impacts as practicable
- ◆ Conduct effective streamlining process
- ◆ Foster public trust through ongoing outreach
- ◆ Minimize disturbances to quality of life





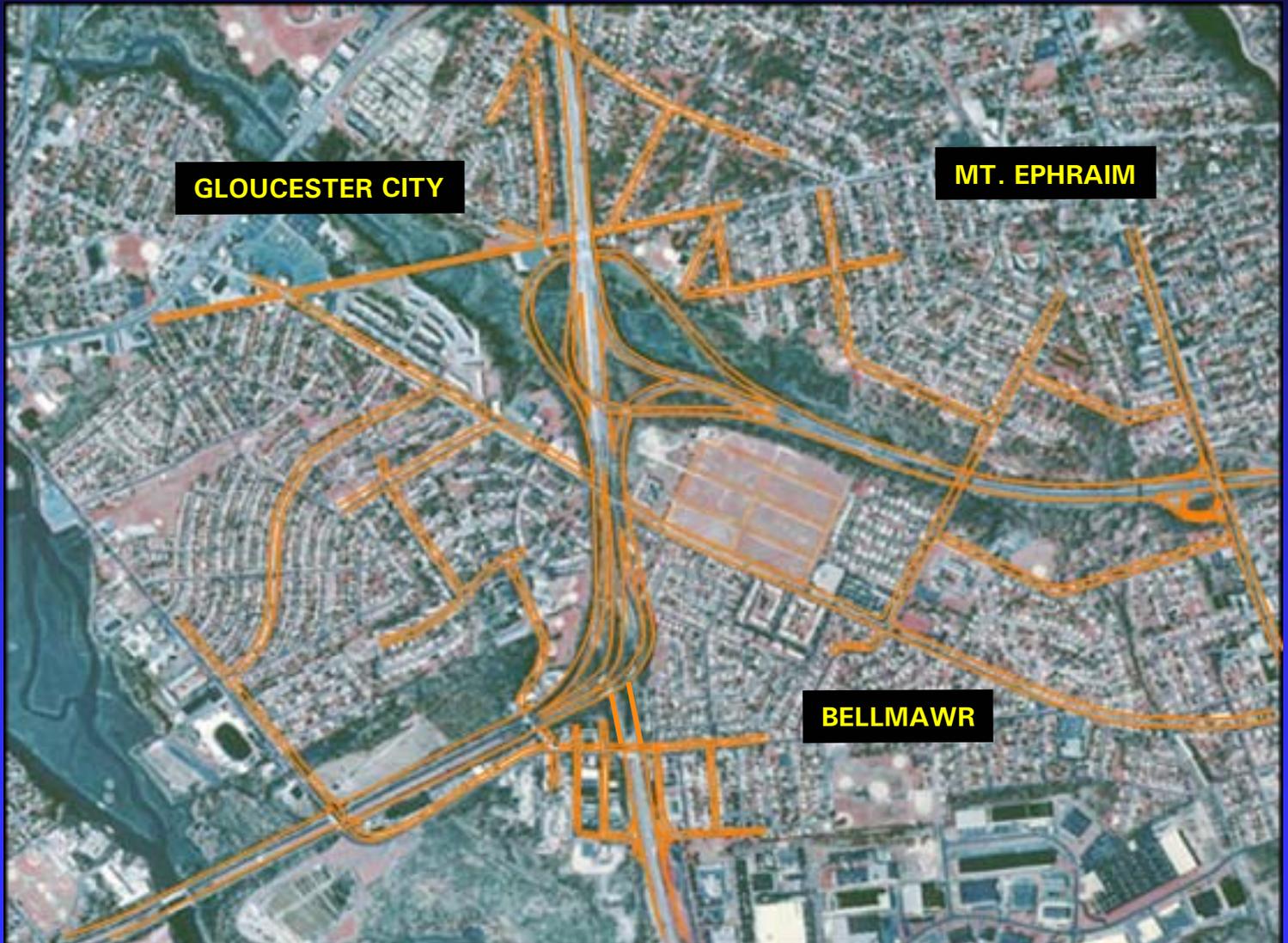
DISCUSSION

MISSING MOVES I-295/ROUTE 42

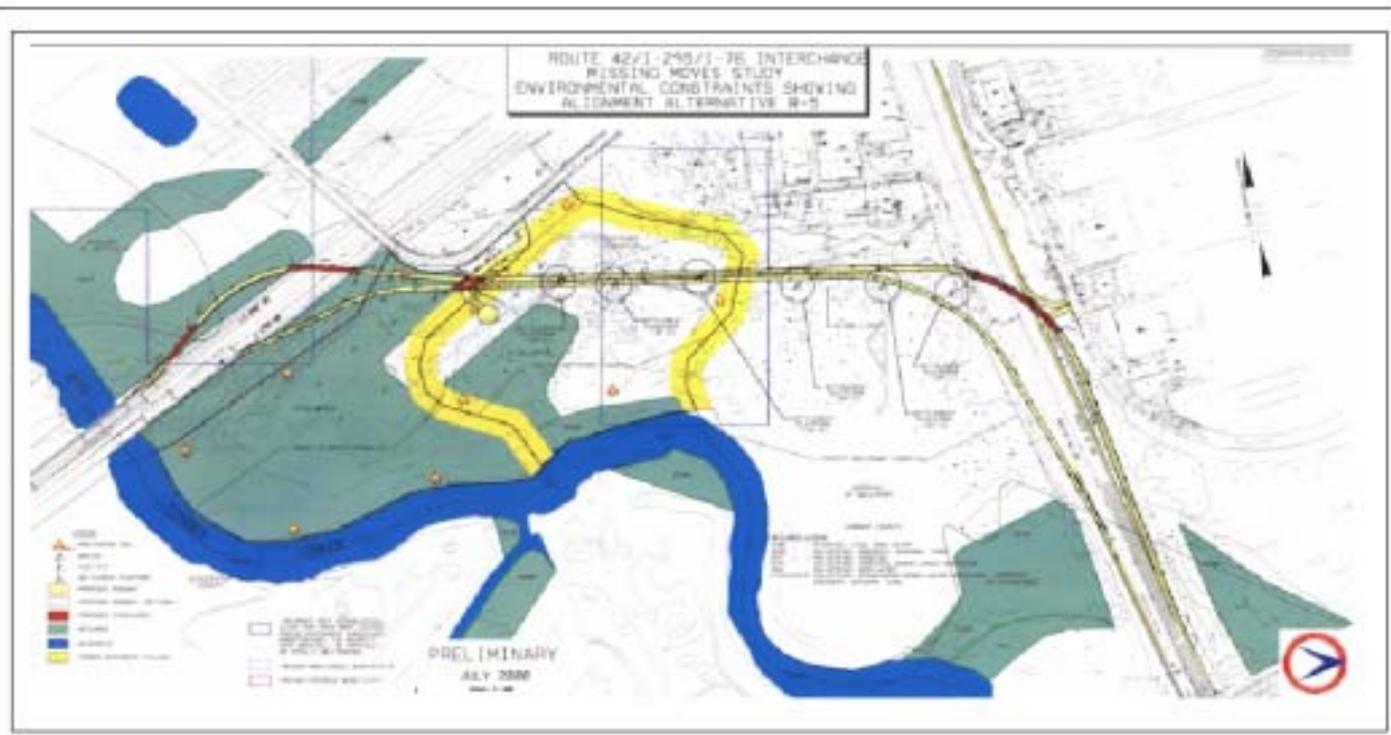
PURPOSE & NEED



PROJECT AREA



MISSING MOVES STUDY



MISSING MOVES

I-295/ROUTE 42

■ PURPOSE:

- ◆ The purpose of the proposed Missing Moves project is to provide a connection between I-295 northbound and Route 42 southbound and between Route 42 northbound and I-295 southbound and to improve the flow of traffic between these two roadways.



MISSING MOVES

I-295/ROUTE 42

- NEED:
 - ◆ System Linkage
 - ◆ Driver Expectations
 - ◆ Operational Deficiencies



MISSING MOVES

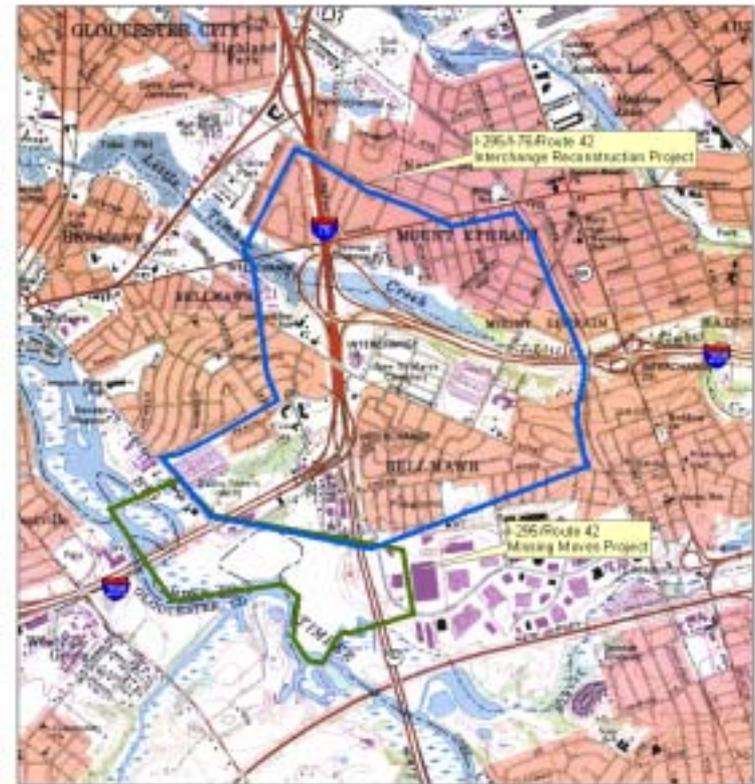
I-295/ROUTE 42

- GOALS AND OBJECTIVES:
 - ◆ Reduce local congestion and improve local mobility
 - ◆ Improve roadway safety by meeting driver expectations
 - ◆ Minimize and mitigate environmental impacts to extent practicable
 - ◆ Minimize disturbance to quality of life



INDEPENDENT UTILITY

- 23 CFR 771.111(f)



SOURCE:

- Camden, NJ-PA
USGS 7.5 Minute Quadrangle
1967, Revised 1994
- Passaicville, NJ
USGS 7.5 Minute Quadrangle
1964, Revised 1994

NEW JERSEY DEPARTMENT OF TRANSPORTATION

PROJECT LOCATION MAP INDEPENDENT UTILITY STUDY

FOR THE
I-295/I-76/ROUTE 42
INTERCHANGE RECONSTRUCTION PROJECT
AND THE
I-295/ROUTE 42
MISSING MOVES PROJECT

SCALE: 1:24,000

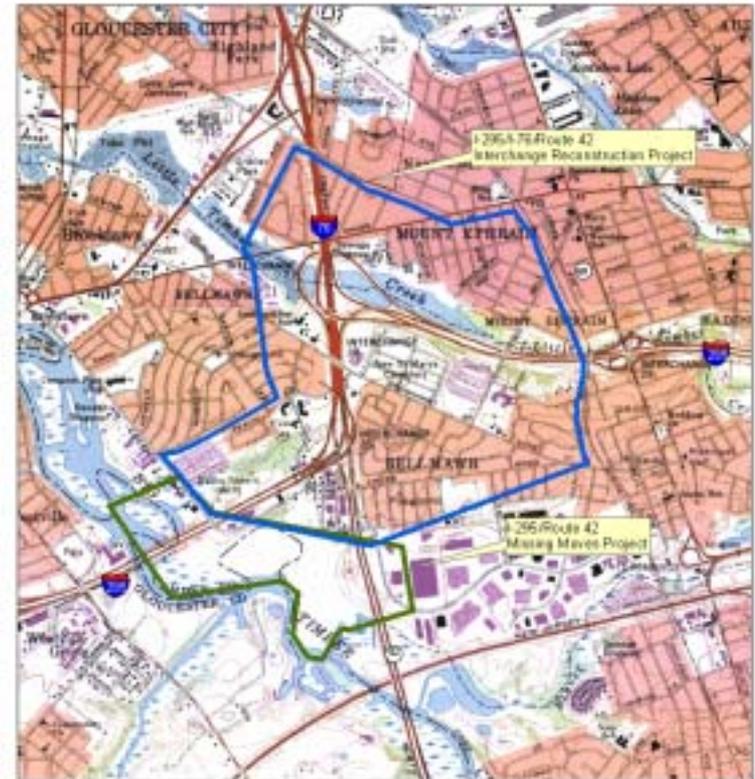
DATE: AUGUST, 2002

Dewberry-Goodkind, Inc.

FIGURE NO. 1

INDEPENDENT UTILITY

- 23 CFR 771.1111(f)
 - ◆ Connect logical termini



SOURCE:

- Camden, NJ-PA
USGS 7.5 Minute Quadrangle
1967, Revised 1994
- Rancocas, NJ
USGS 7.5 Minute Quadrangle
1964, Revised 1994

NEW JERSEY DEPARTMENT OF TRANSPORTATION

PROJECT LOCATION MAP
INDEPENDENT UTILITY STUDY
FOR THE
I-295/I-76/ROUTE 42
INTERCHANGE RECONSTRUCTION PROJECT
AND THE
I-295/ROUTE 42
MISSING MOVES PROJECT

SCALE: 1:24,000

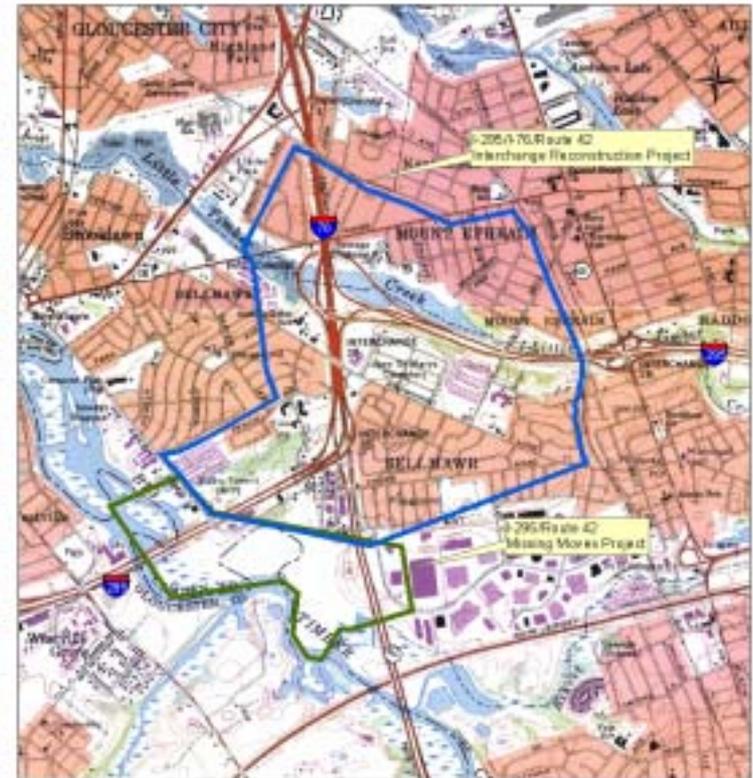
DATE: AUGUST 2002

Dewberry-Goodkind, Inc.

FIGURE NO.
9

INDEPENDENT UTILITY

- 23 CFR 771.1111(f)
 - ◆ Connect logical termini
 - ◆ Have independent utility



SOURCE

- Camden, NJ-PA
USGS 7.5 Minute Quadrangle
1967, Revised 1994
- Raritanville, NJ
USGS 7.5 Minute Quadrangle
1964, Revised 1994

NEW JERSEY DEPARTMENT OF TRANSPORTATION

PROJECT LOCATION MAP

INDEPENDENT UTILITY STUDY

FOR THE
I-295 / I-296 FACILITY 42
INTERCHANGE RECONSTRUCTION PROJECT
AND THE
I-295 / ROUTE 42
MISSING MOVES PROJECT

SCALE: 1:24,000

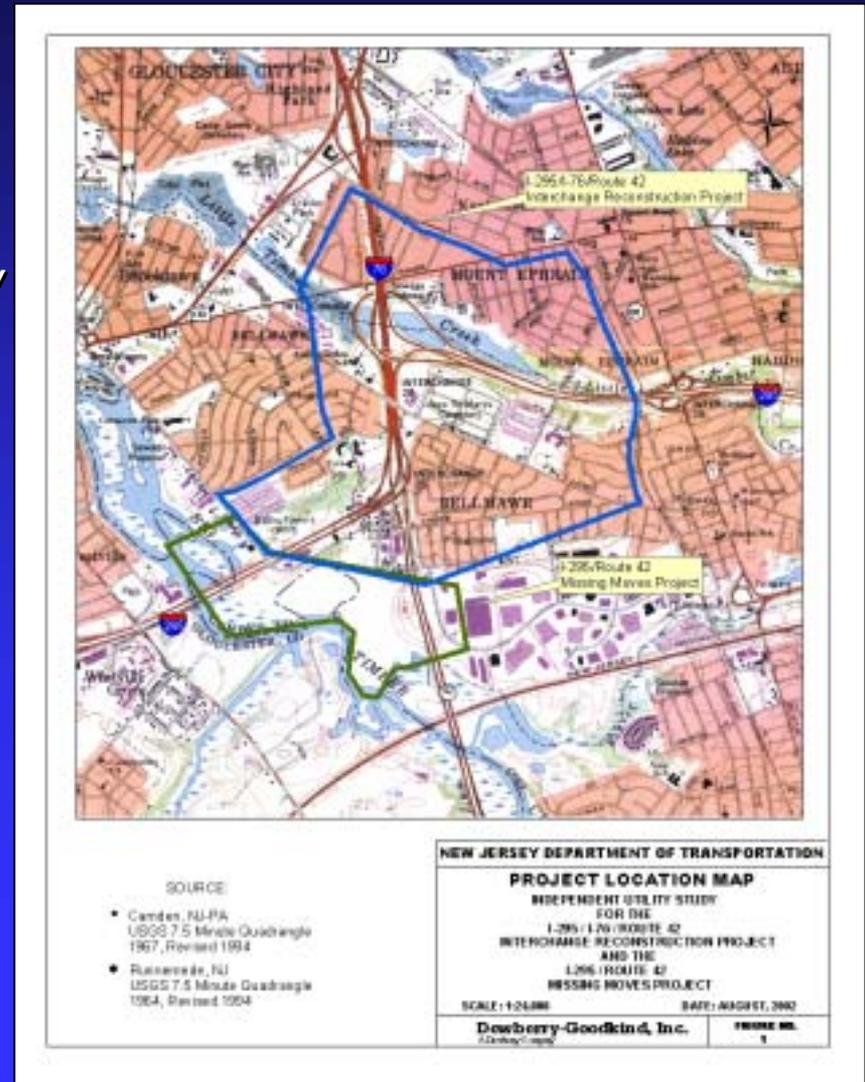
DATE: AUGUST, 2002

Dewberry-Goodkind, Inc.

FIGURE NO.
9

INDEPENDENT UTILITY

- 23 CFR 771.1111(f)
 - ◆ Connect logical termini
 - ◆ Have independent utility
 - ◆ Not restrict consideration of alternatives for other foreseeable transportation improvements





DISCUSSION

WRAP UP – NEXT STEP

